

CLAIM AMENDMENTS

Claims 1-14 (cancelled).

Claim 15 (previously presented):

A table saw comprising:

a frame including a table defining a work surface;

a rotatable blade coupled to the frame and extendable up through the work surface;

adjustment means for adjusting the position of the blade up and down relative to the table;

detection means for detecting a dangerous condition between a person and the blade;

brake means for engaging and stopping the blade upon detection of the dangerous condition between the person and the blade; and

brake positioning means for moving the brake means up and down with the blade to maintain the brake means in an operative position relative to the blade as the position of the blade is adjusted up and down.

Claims 16-33 (cancelled).

Claim 34 (new):

A table saw comprising:

a table defining a work surface;

a rotatable blade extendable up through the work surface;

an elevation mechanism adapted to move the blade up and down relative to the table;

a detection system adapted to detect a dangerous condition between a person and the blade;

a brake adapted to engage and decelerate the blade when the detection system detects the dangerous condition between the person and the blade, where the brake moves up and down relative to the table to maintain an operative position relative to the blade when the elevation mechanism moves the blade up and down relative to the table.

Claim 35 (new):

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down.

Claim 36 (new):

The table saw of claim 34 where the brake pivots up and down.

Claim 37 (new):

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down and where the brake pivots up and down.

Claim 38 (new):

The table saw of claim 34 where moving the blade up and down moves the brake up and down.

Claim 39 (new):

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down and where pivoting the blade up and down moves the brake up and down.

Claim 40 (new):

The table saw of claim 34 where the elevation mechanism is adapted to pivot the blade up and down and where pivoting the blade up and down pivots the brake up and down.

Claim 41 (new):

The table saw of claim 34 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and further comprising a brake positioning mechanism adapted to mount the brake to the arbor block so the brake moves with the arbor block.

Claim 42 (new):

The table saw of claim 34 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and where the brake pivots around the pin.

Claim 43 (new):

A table saw comprising:

a table defining a work surface;

a rotatable blade extendable up through the work surface;

an elevation mechanism adapted to change the elevation of the blade relative to the table;

a detection system adapted to detect a dangerous condition between a person and the blade; and

a brake adapted to engage and decelerate the blade when the detection system detects the dangerous condition between the person and the blade, where the brake changes elevation relative to the table when the elevation mechanism changes the elevation of the blade relative to the table.

Claim 44 (new):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down.

Claim 45 (new):

The table saw of claim 43 where the brake changes elevation by pivoting.

Claim 46 (new):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down and where the brake changes elevation by pivoting.

Claim 47 (new):

The table saw of claim 43 where changing the elevation of the blade changes the elevation of the brake.

Claim 48 (new):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down and where pivoting the blade up and down changes the elevation of the brake.

Claim 49 (new):

The table saw of claim 43 where the elevation mechanism is adapted to change the elevation of the blade by pivoting the blade up and down and where pivoting the blade up and down pivots the brake up and down.

Claim 50 (new):

The table saw of claim 43 where the elevation mechanism includes an arbor block adapted to pivot around a pin, and further comprising a brake positioning mechanism adapted to mount the brake to the arbor block so the brake moves with the arbor block.

Claim 51 (new):

The table saw of claim 43 where the dangerous condition is contact between a person and the blade.

Claim 52 (new):

The table saw of claim 43 where the dangerous condition is proximity between a person and the blade.